



Model: BT-2050-LB

Description:	Bias Tee
Operating Frequency:	50 KHz – 2000 MHz
Insertion Loss:	0.7 dB Max
Isolation DC to RF:	45dB Min
VSWR:	1.2:1 Max
Bias Voltage:	50 Volts Max
Bias Current:	50 mA Max *
	(* 0.25dB Compression @ 50KHz)
Bias Frequency Bandwidth:	DC-1 KHz
RF Power Handling:	10W CW/AVG
Bias DC Resistance:	0,8 Ohm
RF Connector:	BNC (female)
RF+DC Connector:	BNC (female)
Bias Connector:	Solder Pin
Impedance:	50 Ohms Nominal
Quality:	Best-Commercial-Grade

Environmental Ratings:

Temperature:	{Operating: -55°C to +95°C} & {Storage: -60°C to +110°C}
Humidity:	MIL-STD-202F, Method 103B, Cond. B (96 hours at 95% R.H.)
Shock:	MIL-STD-202F, Method 213B, Cond. B (75G, 6mSec)
Vibration:	MIL-STD-202F, Method 204D, Cond. B (.06" double amplitude, or 15G)
Altitude:	MIL-STD-202F, Method 105C, Cond. B (50,000 Feet)
Temp. Shock:	MIL-STD-202F, Method 107D, Cond. A (5 cycles)

Available Options:

(Units with listed options here may be subject to some specification tradeoffs from the standard, consult factory)

■ **RF & RF+DC Connectors**

- B1** [RF port with BNC(M) connector]
- B2** [RF+DC port with BNC(M) connector]
- B3** [RF & RF+DC ports with BNC(M) connector]

■ **Bias Connector**

- C1** [Bias with 50Ω SMC(Jack/Male)]
- C2** [Bias with 50Ω SMB(Jack/Male)]

Outline

